

Vector Construction Strategy for Roopenian-FcRn

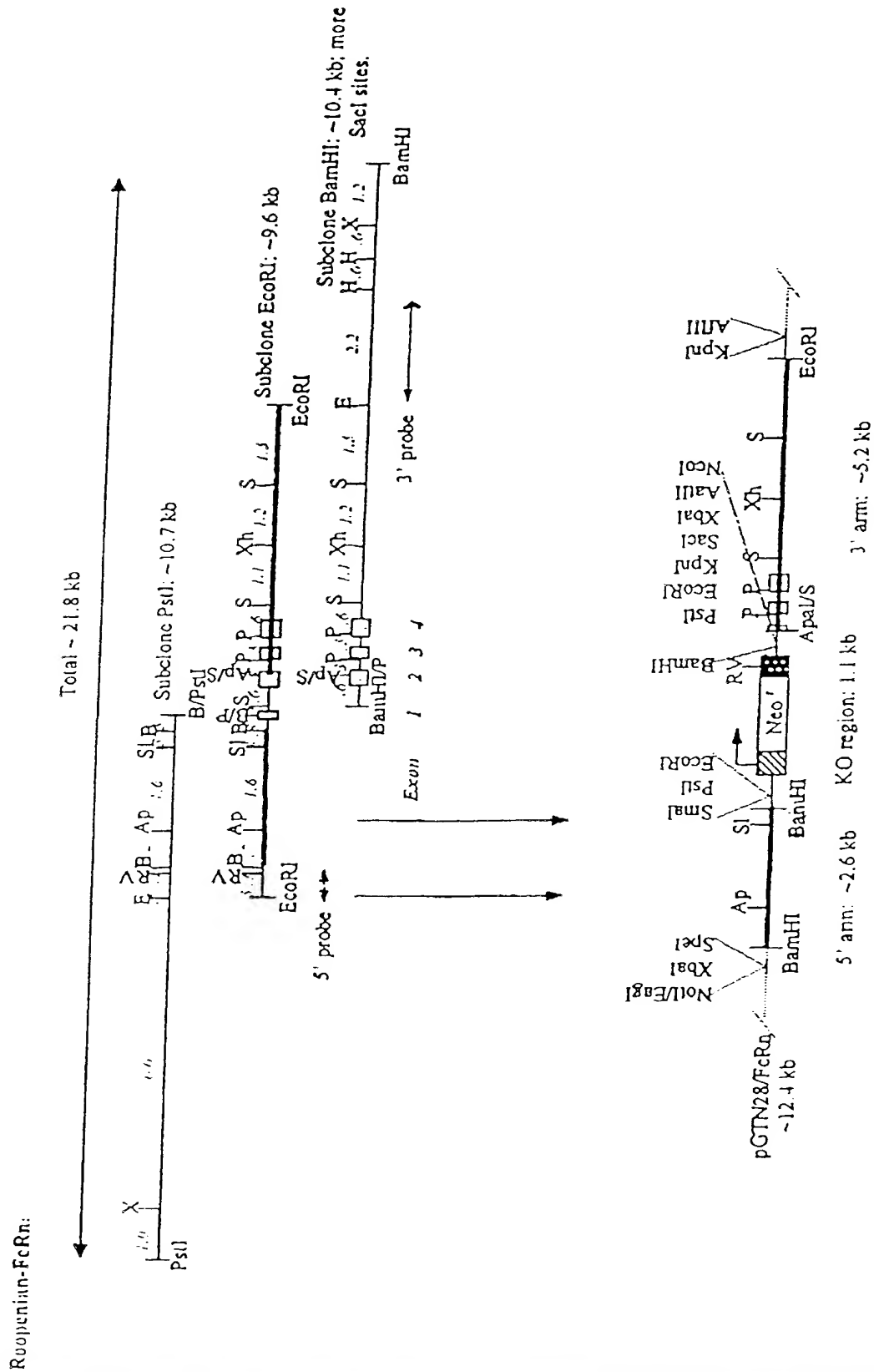
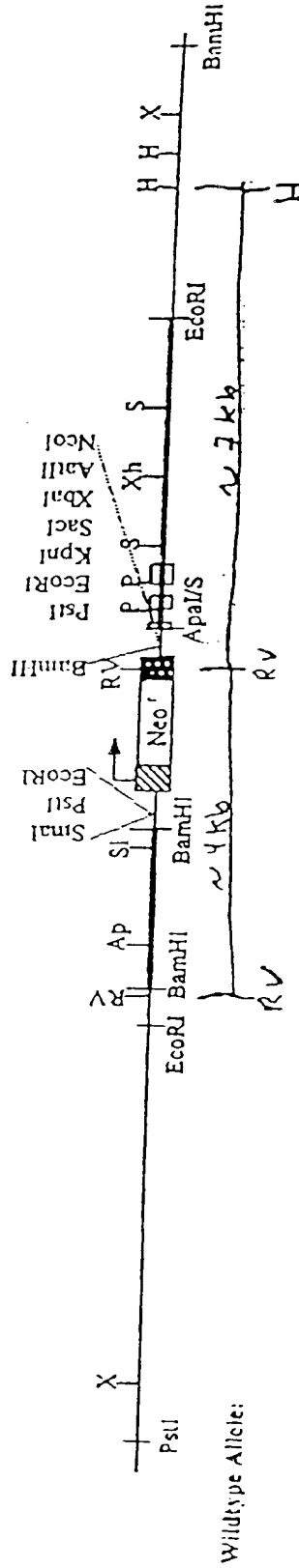


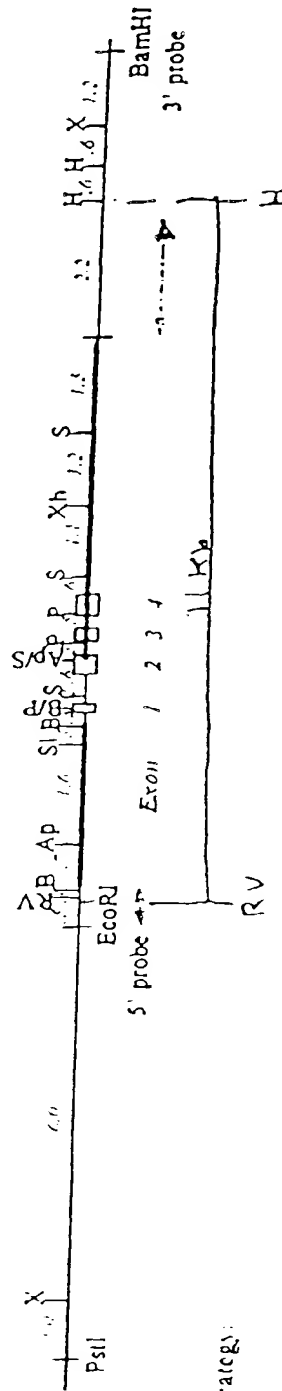
FIG. 1

Screening Strategy for Roopenian-FcRn

Recombinant Allele:



Wildtype Allele:



Screening Strategy:

After EcoRV + HindIII digestion:

Wild-type allele - ~ 11 kb fragment when probed with a 5' or 3' flanking sequence.

Recombinant allele - ~ 4 kb fragment when probed with a 5' flanking sequence and a Neo vector sequence, and ~ 7kb fragment when probed with a 3' flanking sequence.

Note: Ap=Apal; B=BamHI; E=EcoRI; H=HindIII; P=PstI; RV=EcoRV; S=SacI; Sl=Sall; X=XbaI; Xh=XhoI.

FIG. 2

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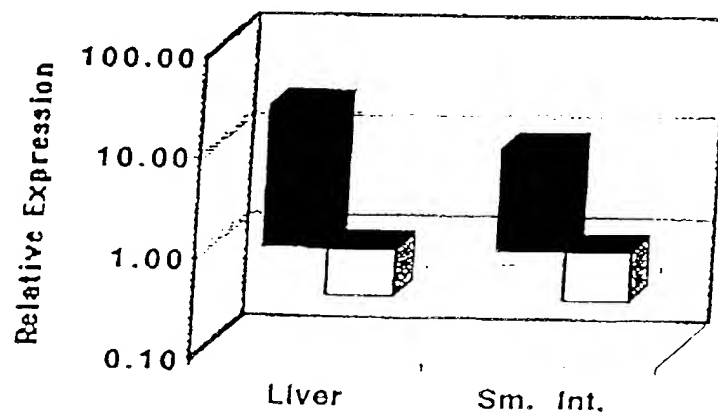


FIG. 3

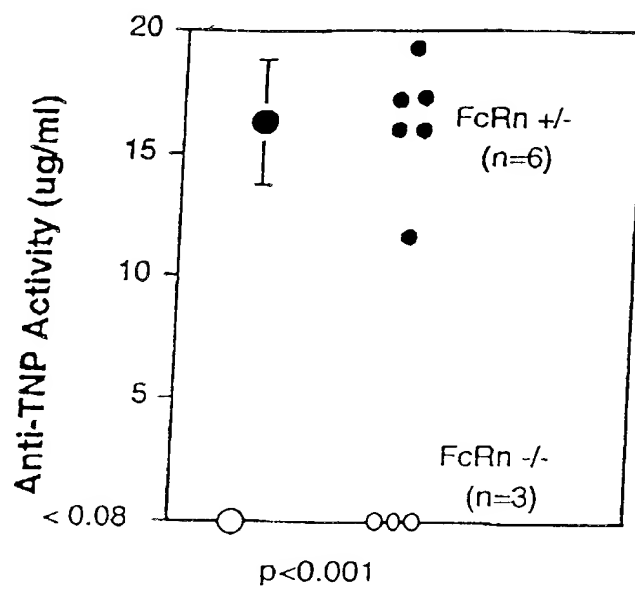


FIG. 4

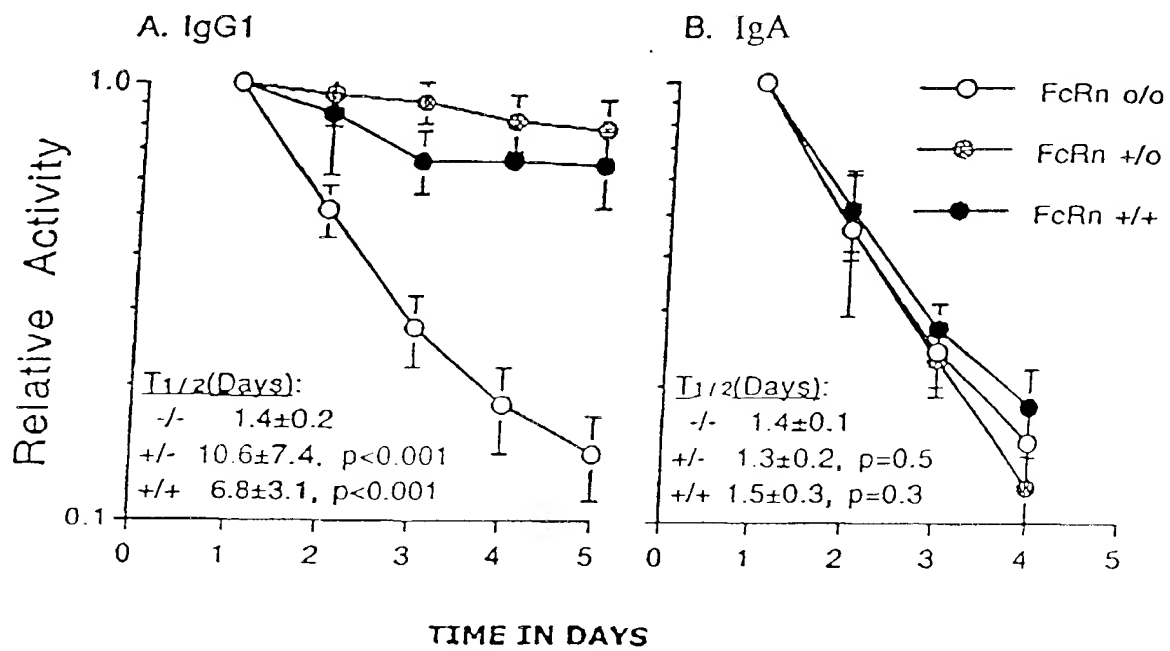


FIG. 5

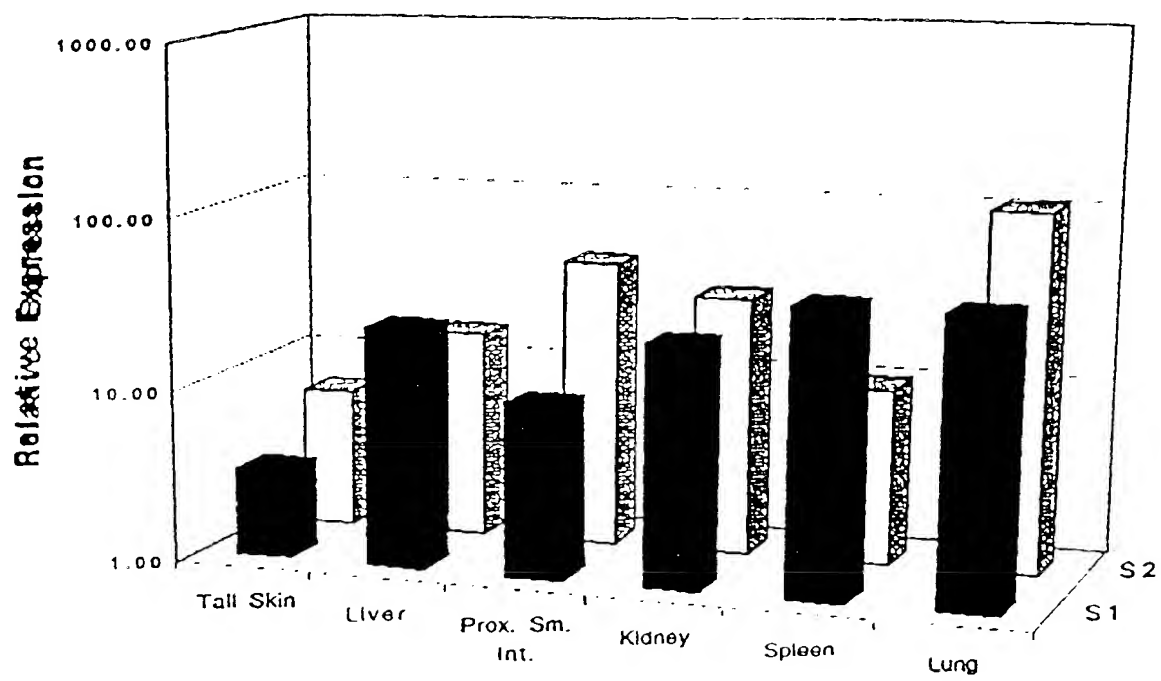


FIG. 6

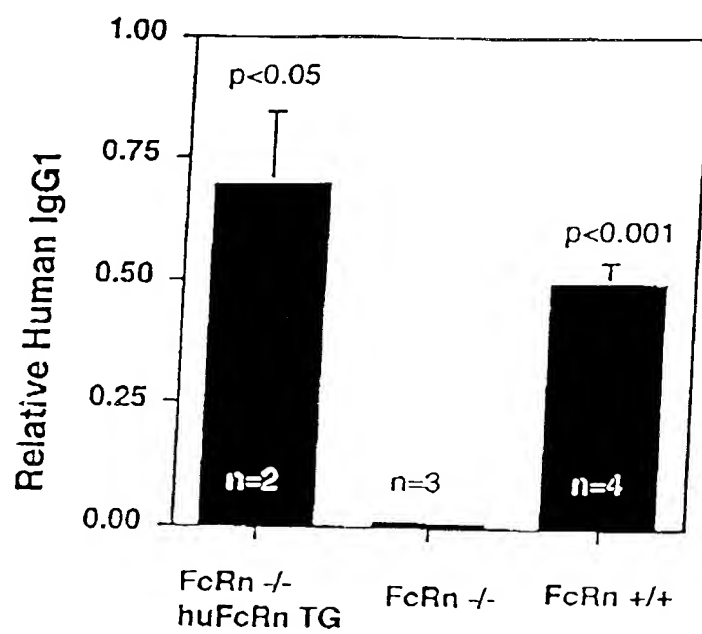


FIG. 7

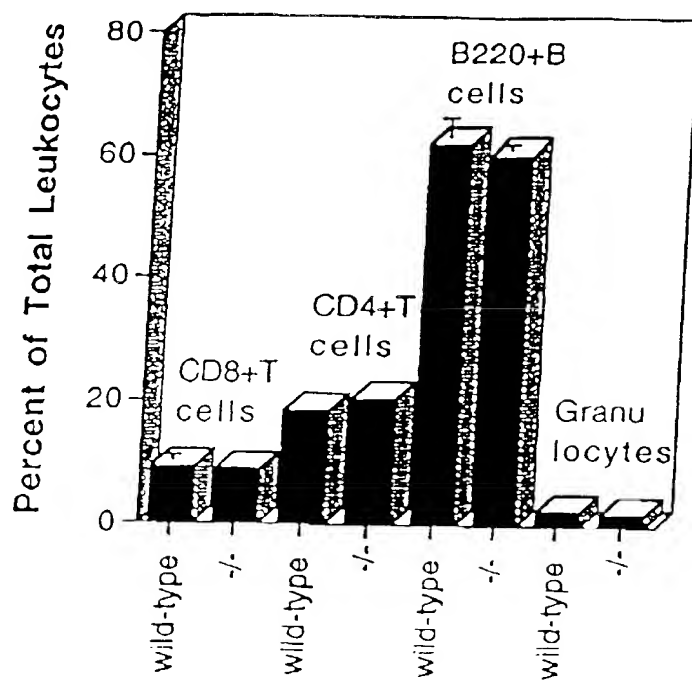


FIG. 8